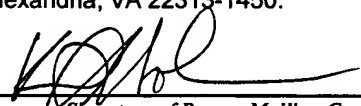



mag 64-02-04 171A

TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT (Under 37 CFR 1.97(b) or 1.97(c))			Docket No. 41482/25424 <i>\$</i>	
In Re Application Of: Vandersall et al.				
Serial No. 09/978,602	Filing Date October 16, 2001	Examiner Cephia D. Toomer	Group Art Unit 1714	
Title: FIRE RETARDANT COMPOSITIONS WITH REDUCED ALUMINUM CORROSIVITY				
<p>Address to: Assistant Commissioner for Patents P.O. Box 1450, Alexandria, VA 22313-1450</p> <p>37 CFR 1.97(b)</p> <p>1. <input type="checkbox"/> The Information Disclosure Statement submitted herewith is being filed within three months of the filing of a national application other than a continued prosecution application under 37 CFR 1.53(d); within three months of the date of entry of the national stage as set forth in 37 CFR 1.491 in an international application; before the mailing of a first Office Action on the merits, or before the mailing of a first Office Action after the filing of a request for continued examination under 37 CFR 1.114.</p> <p style="text-align: center;">37 CFR 1.97(c)</p> <p>2. <input checked="" type="checkbox"/> The Information Disclosure Statement submitted herewith is being filed after the period specified in 37 CFR 1.97(b), provided that the Information Disclosure Statement is filed before the mailing date of a Final Action under 37 CFR 1.113, a Notice of Allowance under 37 CFR 1.311, or an Action that otherwise closes prosecution in the application, and is accompanied by one of:</p> <p style="padding-left: 40px;"><input type="checkbox"/> the statement specified in 37 CFR 1.97(e);</p> <p style="text-align: center;">OR</p> <p style="padding-left: 40px;"><input checked="" type="checkbox"/> the fee set forth in 37 CFR 1.17(p).</p>				

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TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT (Under 37 CFR 1.97(b) or 1.97(c))			Docket No. 41482/25424	
In Re Application Of: Vandersall et al.				
Serial No. 09/978,602	Filing Date October 16, 2001	Examiner Cepha D. Toomer	Group Art Unit 1714	
Payment of Fee (Only complete if Applicant elects to pay the fee set forth in 37 CFR 1.17(p))				
<input checked="" type="checkbox"/> A check in the amount of \$180.00 is attached. <input checked="" type="checkbox"/> The Assistant Commissioner is hereby authorized to charge and credit Deposit Account No. 20-0823 as described below. A duplicate copy of this sheet is enclosed. <div style="margin-left: 40px;"> <input type="checkbox"/> Charge the amount of <input checked="" type="checkbox"/> Credit any overpayment. <input checked="" type="checkbox"/> Charge any additional fee required. </div>				
Certificate of Transmission by Facsimile* <div style="border: 1px solid black; padding: 5px; margin-top: 5px;"> I certify that this document and authorization to charge deposit account is being facsimile transmitted to the United States Patent and Trademark Office (Fax No. _____) on _____ _____ (Date) _____ Signature _____ Typed or Printed Name of Person Signing Certificate </div>		Certificate of Mailing by First Class Mail <div style="border: 1px solid black; padding: 5px; margin-top: 5px;"> I certify that this document and fee is being deposited on April 1, 2004 with the U.S. Postal Service as Express Mail Label No. EV 328617811 US under 37 C.F.R. 1.10 and addressed to: Mail Stop DD, Assistant Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.  Signature of Person Mailing Correspondence Kenneth Solomon Typed or Printed Name of Person Mailing Certificate </div>		
<p>*This certificate may only be used if paying by deposit account.</p> <div style="display: flex; justify-content: space-between;"> <div style="width: 45%;">  Signature Kenneth Solomon, Reg. #31427 Thompson Coburn LLP One US Bank Plaza St. Louis, Missouri 63101 314-552-6297 </div> <div style="width: 45%;"> Dated: April 1, 2004 </div> </div>				
CC:				

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Substitute for form 1449B/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Complete if Known

Application Number	09/978,602
Filing Date	October 16, 2001
First Named Inventor	Vandersall
Art Unit	1714
Examiner Name	Cephia D. Toomer
Attorney Docket Number	41482/25424

Sheet	1	of	4
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U.S. PATENT DOCUMENTS


Examiner Initials ¹	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
	AB	US- 2003/0212177	04/23/2003	Vandersall, et al.	
	AC	US- 2003/0204004	04/23/2003	Vandersall, et al.	
	AD	US- 2002/0100897	10/16/2001	Vandersall, et al.	
	AE	US- 2002/0096668	10/16/2001	Vandersall, et al.	
	AF	US- 3007879	11/7/1961	Jordan	
	AG	US- 3196108	7/20/1965	Nelson	
	AH	US- 3214372	10/26/1965	Lobos	
	AI	US- 3223649	12/14/1965	Langguth	
	AJ	US- 3245904	4/12/1966	Young	
	AK	US- 3257316	6/21/1966	Langguth, et al.	
	AL	US- 3275566	9/27/1966	Langguth	
	AM	US- 3293189	12/20/1966	Morgenthaler	
	AN	US- 3309324	3/14/1967	Langguth et al.	
	AO	US- 3338829	8/29/1967	Langguth, et al.	
	AP	US- 3342749	9/19/1967	Handleman, et al.	
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	AR	US- 3354084	11/21/1967	Katzer	
	AS	US- 3364149	1/16/1968	Morgenthaler	
	AT	US- 3409550	11/5/1968	Gould	
	AU	US- 3625716	12/7/1971	King, et al.	
	AV	US- 3634234	1/11/1972	Morgenthaler	
	AW	US- 3714066	1/30/1973	King, et al.	
	AX	US- 3730890	05/01/1973	Nelson, K. E.	
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	BE	US- 4247435	01/27/1981	Kasten, Nelson H.	
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	BH	US- 4447336	5/8/1984	Vandersall	
	BI	US- 4447337	5/8/1984	Adl Mohammad et al.	
	BJ	US- 4448841	5/15/1984	Glass, et al.	
	BK	US- 4459213	7/10/1984	Uchida, et al.	
	BL	US- 4588510	5/13/1986	Salzer, et al.	
	BM	US- 4606831	8/19/1986	Kegeler et al.	

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Substitute for form 1449B/PTO			Complete if Known	
 <p>(use as many sheets as necessary)</p>			Application Number	09/978,602
			Filing Date	October 16, 2001
			First Named Inventor	Vandersall
			Art Unit	1714
			Examiner Name	Cephia D. Toomer
Sheet 2 of 4	Attorney Docket Number		41482/25424	

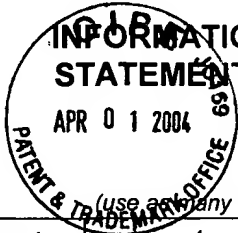
U.S. PATENT DOCUMENTS						
Examiner Initials [*]	Cite No. ¹	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)				
	BN	US-	4652383	3/24/1987	Tarpley, Jr., et al.	
	BO	US-	4717509	1/5/1988	Buttgens, et al.	
	BP	US-	4770794	9/13/1988	Cundasawmy, et al.	
	BQ	US-	4822524	04/18/1989	Strickland, Bruce G.	
	BR	US-	4839065	06/13/1989	Vandersall	
	BS	US-	4908160	3/13/1990	Thacker	
	BT	US-	4971728	11/20/1990	Vandersall	
	BU	US-	4978460	12/18/1990	Von Blucher et al.	
	BV	US-	4983065	1/8/1991	Vandersall	
	BW	US-	4983326	01/08/1991	Vandersall	
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	BY	US-	5215679	06/01/1993	Cramm et al.	
	BZ	US-	5294664	03/15/1994	Morrison, Jr. et al.	
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	CC	US-	5882541	03/16/1999	Achlmann, Hans	
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	CE	US-	5969011 A	10/19/1999	Frölich, et al.	
	CF	US-	6019176	2/1/2000	Crouch, Robert L.	
	CG	US-	6054515	4/25/2000	Blount	
	CH	US-	6111002	8/29/2000	Döring, et al.	
	CI	US-	6124394	9/26/2000	Goto, et al.	
	CJ	US-	6162375	12/19/2000	Crouch, et al.	
	CK	US-	6322726	11/27/2001	Vandersall, et al.	
	CL	US-	6323263 B1	11/27/2001	Kuwahawa, et al.	
	CM	US-	6447697 B1	9/10/2002	Vandersall	
	CN	US-	6517747	2/11/2003	Vandersall	
	CO	US-	6611832	8/26/2003	Jan van Lunteren, Adliswil	
	CP	US-	6620348	9/16/2003	Vandersall, et al.	
	CQ	US-	6676858 B2	1/13/2004	Vandersall, et al.	

Examiner Signature	Date Considered
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Substitute for form 1449B/PTO			Complete if Known		
			Application Number	09/978,602	
			Filing Date	October 16, 2001	
			First Named Inventor	Vandersall	
			Art Unit	1714	
			Examiner Name	Cephia D. Toomer	
Sheet	4	of	4	Attorney Docket Number	41482/25424

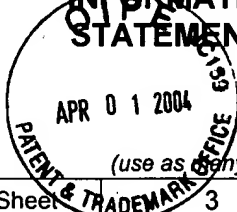
NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
	DA	Abstract of Chemical Week, (March 28, 1979), p. 40.	
	DB	Abstract of EP0659449 also published as DE 4343728 (Loenhert), 12/21/93	
	DC	Abstract of JP 54 138060 (Nippon Kodoshi Kogyo KK), 10/26/79	
	DD	Derwent Abstract WPI No. 73-76319U of FR 2172867 (1973)	
	DE	Derwent Abstract WPI No. 80-77100C of BE 883892 (1980)	
	DF	Derwent Abstract WPI No. 86-055675 of AU 8544579 (1986)	
	DG	Derwent Abstract WPI No. 91-013530[02] of SU 1544450 (1991)	
	DH	Derwent Abstract WPI No. 91-013531 of SU 154451 (1991)	
	DI	Derwent Abstract WPI No. 95-198325 of RU 2022630 (1995)	
	DJ	English language abstract of Artsybashev, E.A., et al., Lesnoe Khozyaistvo, No. 12, pp. 43-44 (1991)	
	DK	English language abstract of Artsybashev, E.S., et al., Lesnoe Khozyaistvo, No. 6, pp. 40-42 (1988)	
	DL	English language abstract of Lorberbaum, V.G., et al., Lesnoe Khozyaistvo, No. 9, pp. 59-60 (1983)	
	DM	English language abstract of Shchetinskii, E.A., et al., Lesnoe Khozyaistvo, No. 5, p. 88 (1975)	
	DN	George, C.W., et al., "Evaluation of Megatard 2700 A Proposed New Fire Retardant System", Intermountain Forest and Range Experimental Station, General Technical Report INT-112 (August 1981)	
	DO	Patton, Temple C., Pigment Handbook, Volume 1, Properties and Economics, pp. 323-347	
	DP	Technical Disclosure of physical properties from Day-Glo Color Corp at www.dayglo.com/DOCS/physprop.html (5/95)	
	DQ	USDA Forest Service, entitled Specification For Long Term Retardant, Wildland Fire, Aircraft or Ground Application, Specification 5100-304b (January, 2000) Superceding Specification 5100-304b (July 1999) Superceding Specification 5100-304a (February 1986)	
	DR	Vandersall, H.L., Air Attack: Retardants, Rheology and Some New Options, Int. J. Wildland Fire 4(1): 45-51, 1994, pp. 45-51	
	DS	Xantham Gum, Natural Biogum For Scientific Water Control, Fifth Edition, Kelco, Division of Merck & Co., Inc.	

Examiner Signature	Date Considered
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT  (use as many sheets as necessary)		Application Number	09/978,602
		Filing Date	October 16, 2001
		First Named Inventor	Vandersall
		Art Unit	1714
		Examiner Name	Cephia D. Toomer
Sheet 3 of 4	Attorney Docket Number	41482/25424	

FOREIGN PATENT DOCUMENTS						
Examiner Initials	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				
	CR	DE 3716304	11/24/1988			
	CS	DE 4343728	6/22/1995			
	CT	EP 00277932 A1 & B1	3/18/1992	Vandersall		
	CU	EP 0693304 A1 & B1	1/24/1996	Chemonics Industries, Inc.		
	CV	EP 0911067 A2 & A3	4/28/1999	Crouch et al.		
	CW	UK 2013168	8/8/1979	Fospur Ltd.		
	CX	UK 2234501	2/6/1991	Keiyo Plant Engineering Co. Ltd.		
	CY	UK 2301122	11/27/1996	Glass, Cyril		
	CZ	WO 93/22000	11/11/1993	Baudouin, et al.		

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